

A New Subspecies of *Chloridolum loochooanum* (Coleoptera, Cerambycidae) from Okinawa Island of the Nansei Islands, Southwest Japan

Hiroshi MAKIHARA

Forestry and Forest Products Research Institute (FFPRI),
Incorporated Administrative Agency,
1 Matsunosato, Tsukuba, Ibaraki, 305–8687 Japan

Abstract A new subspecies, *Chloridolum (Chloridolum) loochooanum chujoi* is described from Okinawa Island of the Nansei Islands, Southwest Japan.

In the present paper, *Chloridolum (Chloridolum) loochooanum chujoi* subsp. nov. is described from Okinawa Island of the Nansei Islands, Southwest Japan. This new subspecies is similar to *C. (C.) loochooanum loochooanum* GRESSITT (1933, p. 163) from Amami-Oshima Island of the Nansei Islands, but can be distinguished by the long mandibles and the prothorax with well developed tubercles, and so on.

I wish to dedicate this paper to the late Dr. Michio Chûjô, Professor Emeritus of Kagawa University, for the memory of his contribution to the world coleopterology, and will name a new subspecies *C. (C.) loochooanum chujoi* subsp. nov. in his honor.

Chloridolum (Chloridolum) loochooanum chujoi subsp. nov.

[Japanese name: Okinawa-midori-kamikiri]

(Figs. 1A, 1A', 2A, 2A', 3A, 4A, 4A', 5A, 5A')

Chloridolum loochooanum: KOJIMA & HAYASHI, 1969, Ins. Life Japan, p. 68, pl. 21, fig. 5A.

Chloridolum (Chloridolum) loochooanum: KUSAMA & TAKAKUWA, 1984, Longic. Beetl. Japan, p. 298, pl. 36, fig. 261 b.

This new subspecies is similar to *Chloridolum (Chloridolum) loochooanum loochooanum* GRESSITT (Figs. 1B & 1B') from Amami-Oshima Island, but can be distinguished by the following characters:

Chloridolum (Chloridolum) loochooanum loochooanum: Mandible rather short (Figs. 2B, 2B' & 3B); prothorax with weakly developed lateral tubercles between apex and middle (Figs. 4B & 4B'); median lobe somewhat sharp at apex (Fig. 5B); lateral lobes with rather long roof (Fig. 5B).

Chloridolum (Chloridolum) loochooanum chujoi subsp. nov.: Mandible rather long (Figs. 2A, 2A' & 3A); prothorax with well developed lateral tubercles between apex and middle (Figs. 4A, & 4A'); median lobe somewhat blunt at apex (Fig. 5A); lat-

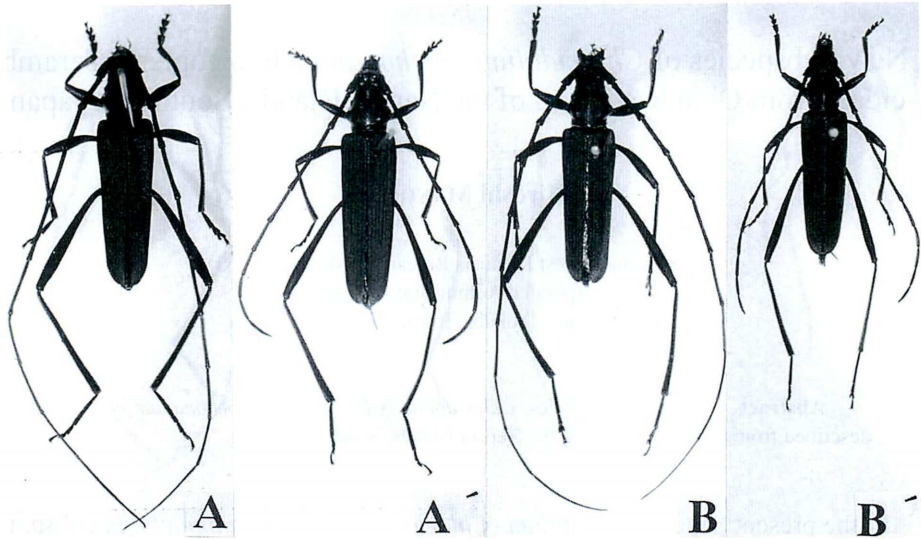


Fig. 1 *Chloridolum* (*Chloridolum*) *loochooanum* subspp. — A & A': *C. (C.) l. chujoi* subsp. nov. — B & B': *C. (C.) l. loochooanum*. A & B: Male. A' & B': Female.

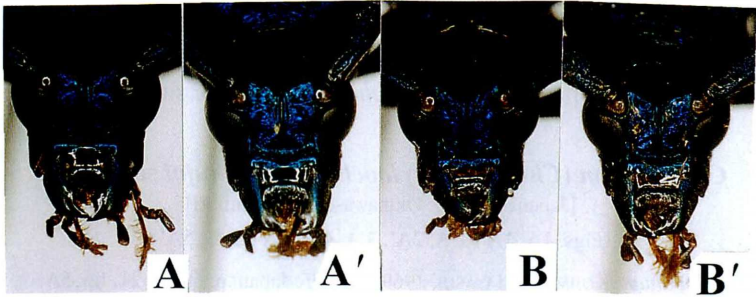


Fig. 2. Faces of *Chloridolum* (*Chloridolum*) *loochooanum* subspp. A, A', B & B': Same as Fig. 1.

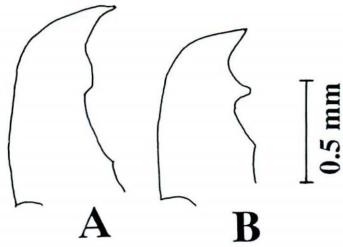


Fig. 3. Mandibles of *Chloridolum* (*Chloridolum*) *loochooanum* subspp. — A: *C. (C.) l. chujoi* subsp. nov. — B: *C. (C.) l. loochooanum*.

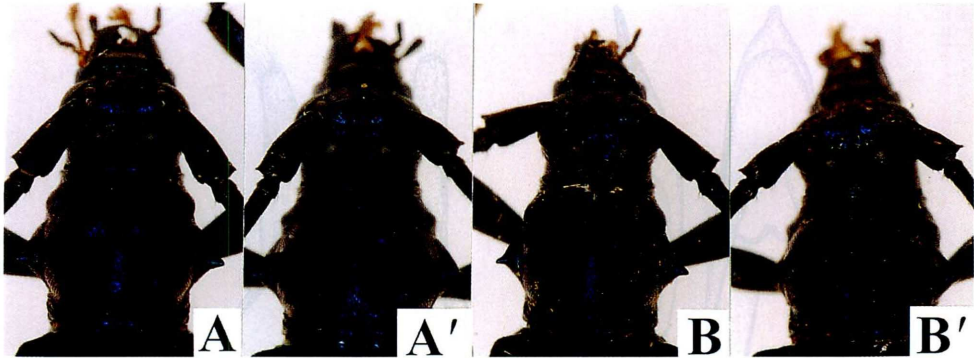


Fig. 4. Heads and prothoraces of *Chloridolum (Chloridolum) loochooanum* subspp. — A, A', B & B': Same as Fig.1.

eral lobes with short roof (Fig. 5A').

Body length 17.5–26.0 mm (male) or 16.3–25.5 mm (female).

Host plant. *Viburnum odoratissimum* KER-GAWLER var. *awabuki* (K. KOCH) ZABEL (Caprifoliaceae).

Distribution. Okinawa Is., Nansei Isls., SW Japan.

Type series. Holotype ♂ (Type No.12, FFPRI, Mt. Nagodake, Okinawa Is., Nansei Isls., SW Japan, 15–IV–2003, emerged out from dead wood (*Viburnum odoratissimum* var. *awabuki*), H. MAKIHARA leg. Paratypes: 34♂♂, 43♀♀, almost same as the holotype but emerged out during 15–IV~5–V–2003.

Acknowledgements

The present paper could not have been completed without supports and cooperation of the following persons. I would like to express my sincere thanks to Messrs. M. GUSHIKEN and H. IREI of Okinawa For. Expt. Sta. for their support in the study. My thanks are also due to Mss. A. TSUBOKAWA and M. HASHIDA of the FFPRI, Japan, for their assistance and support in this study.

要 約

横原 寛：沖縄島産カミキリムシの1新亜種。—— 南西諸島の沖縄島から、オオシマミドリカミキリの1新亜種 *Chloridolum (Chloridolum) loochooanum chujoi* subsp. nov. を記載した。本新亜種は、これまで奄美大島産の基亜種と同一亜種の扱いを受けていた。なお、和名はオキナワミドリカミキリとした。

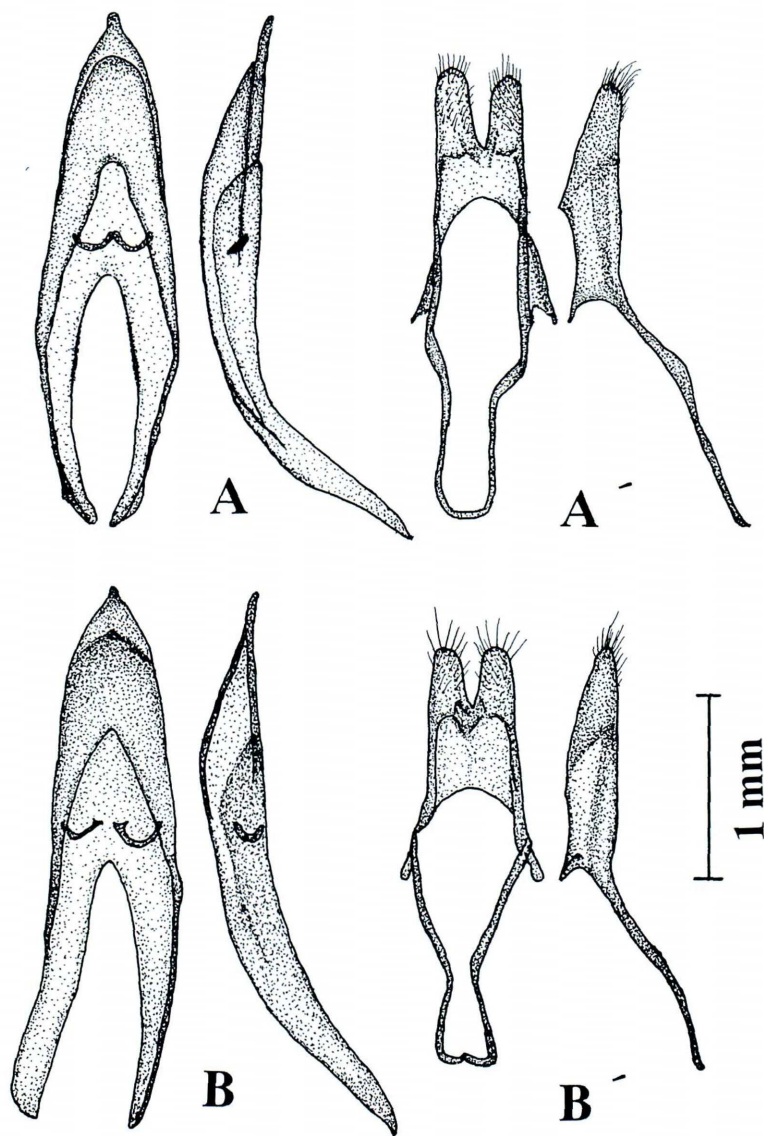


Fig. 5. Genital organs of *Chloridolum* (*Chloridolum*) *loochooanum* subspp. — A & A': *C. (C.) l. chu-joi* subsp. nov. — B & B': *C. (C.) l. loochooanum*. A & B: Median lobe. A' & B': Lateral lobes. Left side: ventral view. Right side: lateral view

References

- GRESSITT, J. L., 1933. New longicorns from the Japan Empire (Coleopt., Cerambycidae). *Pan-Pacif. Entomologist*, **9**: 163–170
- Japanese Society of Coleopterology (ed.), 1984. Longicorn-Beetles of Japan in Color. 565 pp., 96 pls. Kodansha, Tokyo. (In Japanese.)
- KOJIMA, K., & M. HAYASHI, 1969. Longicorn Beetles. *Insects' Life in Japan*, I. 294 pp., 56 pls. Hoikusha, Osaka. (In Japanese.)